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TITLE: RUBBER COMPOSITION

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INVENTOR-INFORMATION:

NAME

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ASSIGNEE-INFORMATION:

NAME

YOKOHAMA RUBBER CO LTD:THE

COUNTRY

N/A

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a rubber compsn. which has a high heat resistance, oil resistance, and elastic modulus and is excellent in adhesion to brass and adhesion stability by compounding a hydrogenated NBR, an ethylene-methacrylate copolymer, and an org. sulfur compd.

SOLUTION: A rubber component is prepd. by compounding a hydrogenated NBR (A) having a polymer chain comprising 10-45wt.% unsatd. nitrile units, 0-20wt.% conjugated diene units, and 90-35wt.% units formed by hydrogenating ethylenically unsatd. monomer units and/or conjugated diene units with an ethylene-methacrylate copolymer (B) in a wt. ratio of (9:1)-(5:5). 100 pts.wt. rubber component is compounded with 0.1-15 pts.wt. org. sulfur compd. represented by the formula (wherein R is mercapto, alkoxy, mono- or dialkylamino, mono- or diarylamino, etc.) and, if necessary, 1-30 pts.wt. silica and 0.1-15 pts.wt. polybutadiene modified with maleic anhydride.

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